

Enrollment or
Test Data

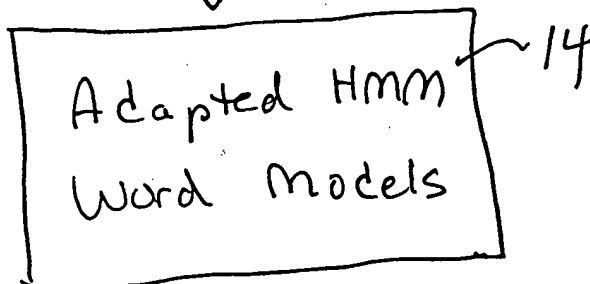
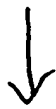
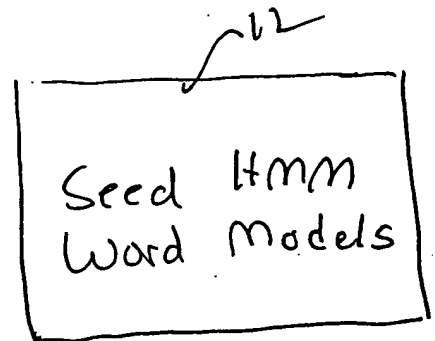
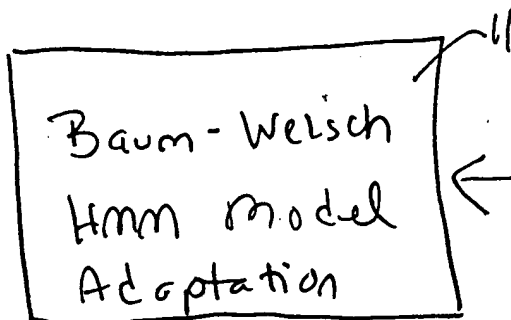
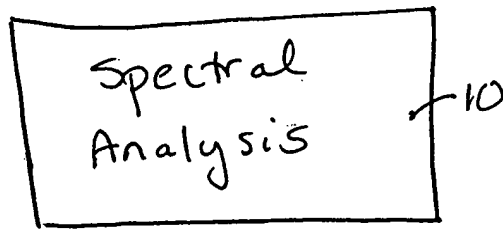


FIGURE 1

(Feature Extraction Process)

Enrollment data

Adopted 1DMM model

Fixed length feature vector

Adopted 1DMM model

Test data

Figure 3
(Comparison Example)